

1/12

Table 1. Scoring system for bloody stool

Score	Description
0	Normal to semisolid stool, no blood
1	Normal to semisolid stool, blood-tinged
2	Semisolid to fluid stool with definite evidence of blood
3	Bloody fluid

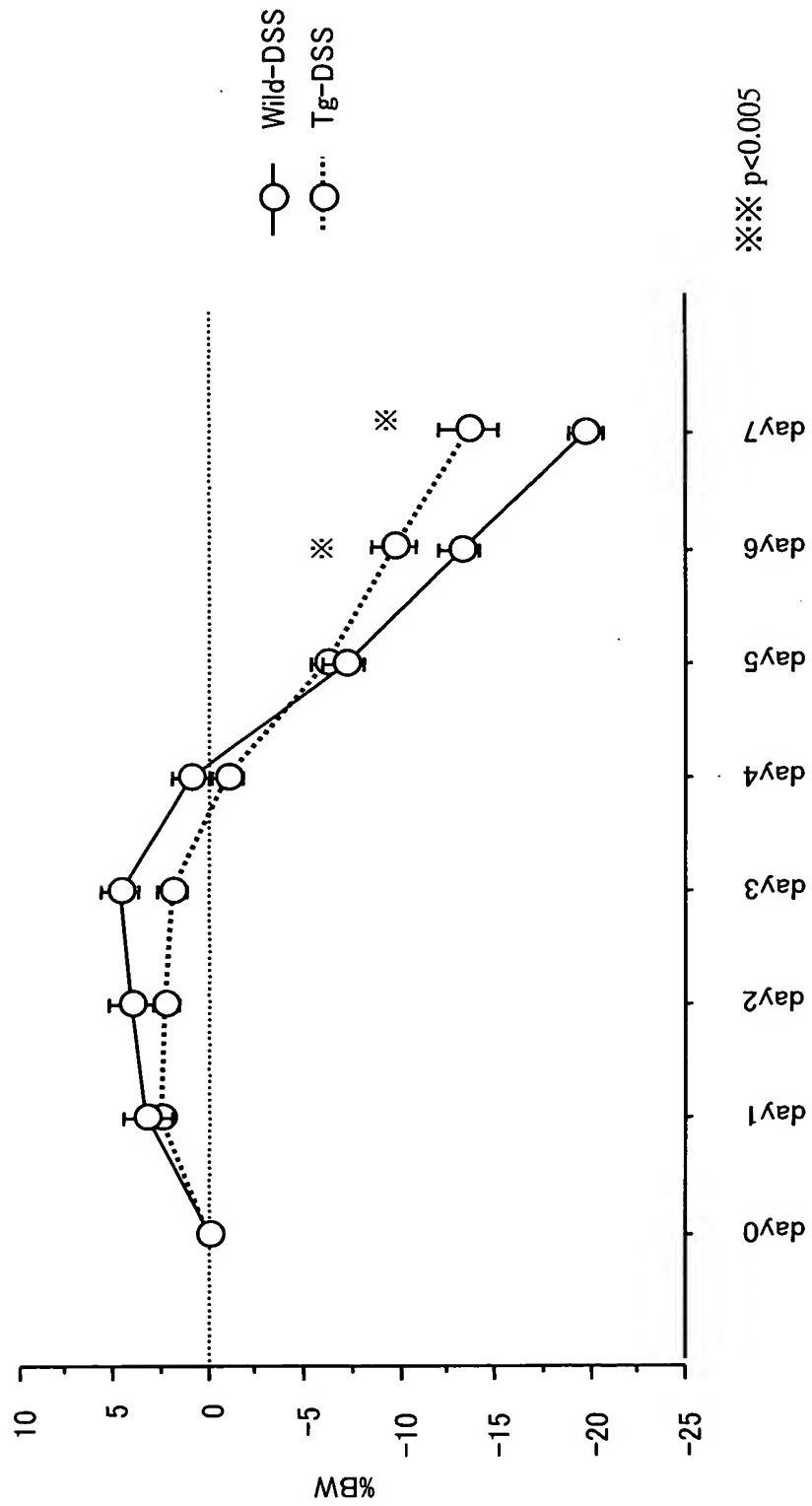
2/12

Table 2. Histological scoring system for colitis

Feature scored	Score	Description
Inflammation severity	0	None
	1	Mild
	2	Moderate
	3	Severe
Inflammation extent	0	None
	1	Mucosa
	2	Mucosa and submucosa
	3	Transmural
Crypt damage	0	None
	1	Basal 1/3 damaged
	2	Basal 2/3 damaged
	3	Crypts lost: surface epithelium present
	4	Crypts and surface epithelium lost
Percent involvement	0	0%
	1	1%-25%
	2	26%-50%
	3	51%-75%
	4	75%-100%

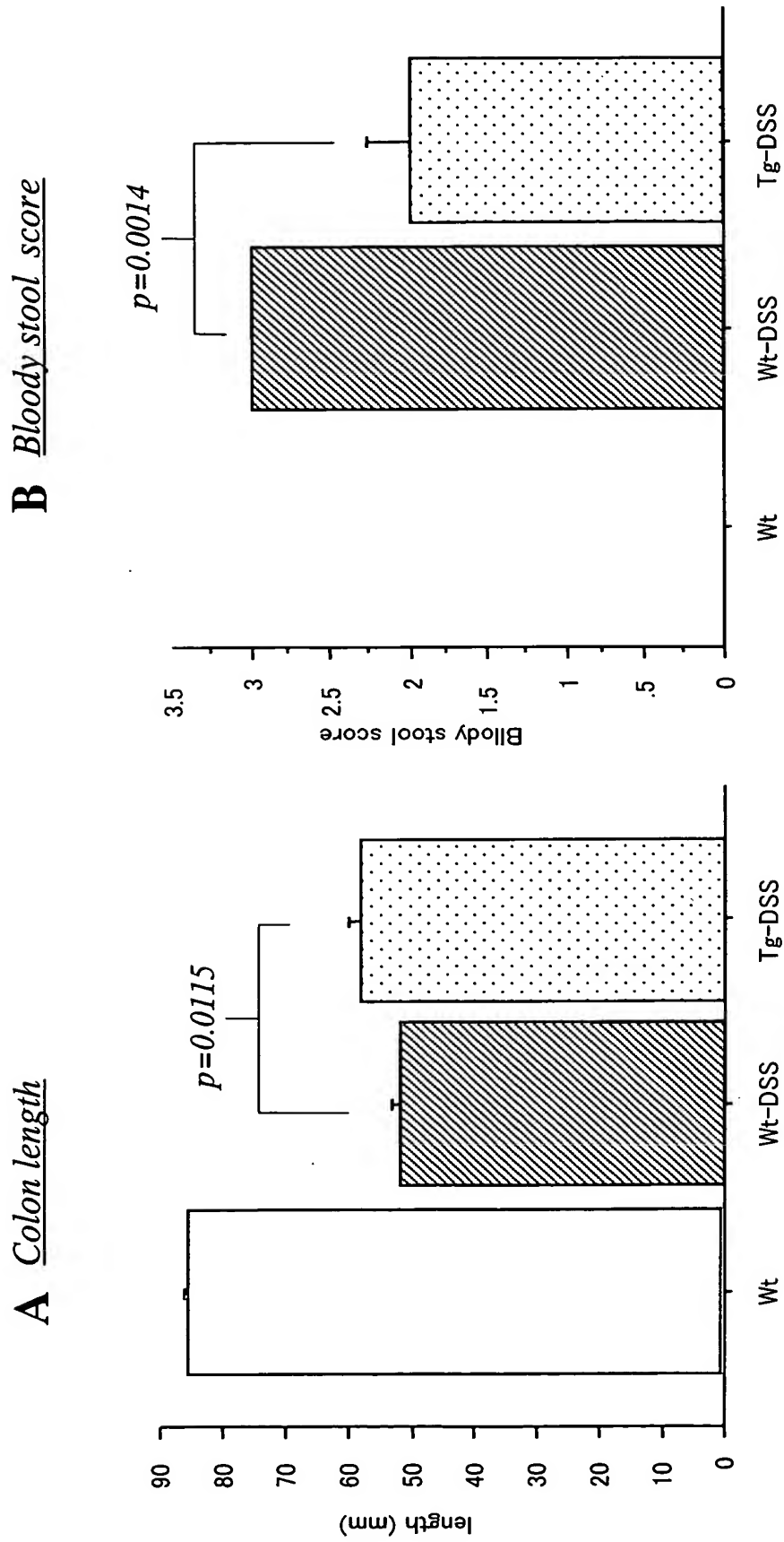
3/12

Fig. 1. Serial change of percentage body weight of the DSS
model in TRX-Tg mice



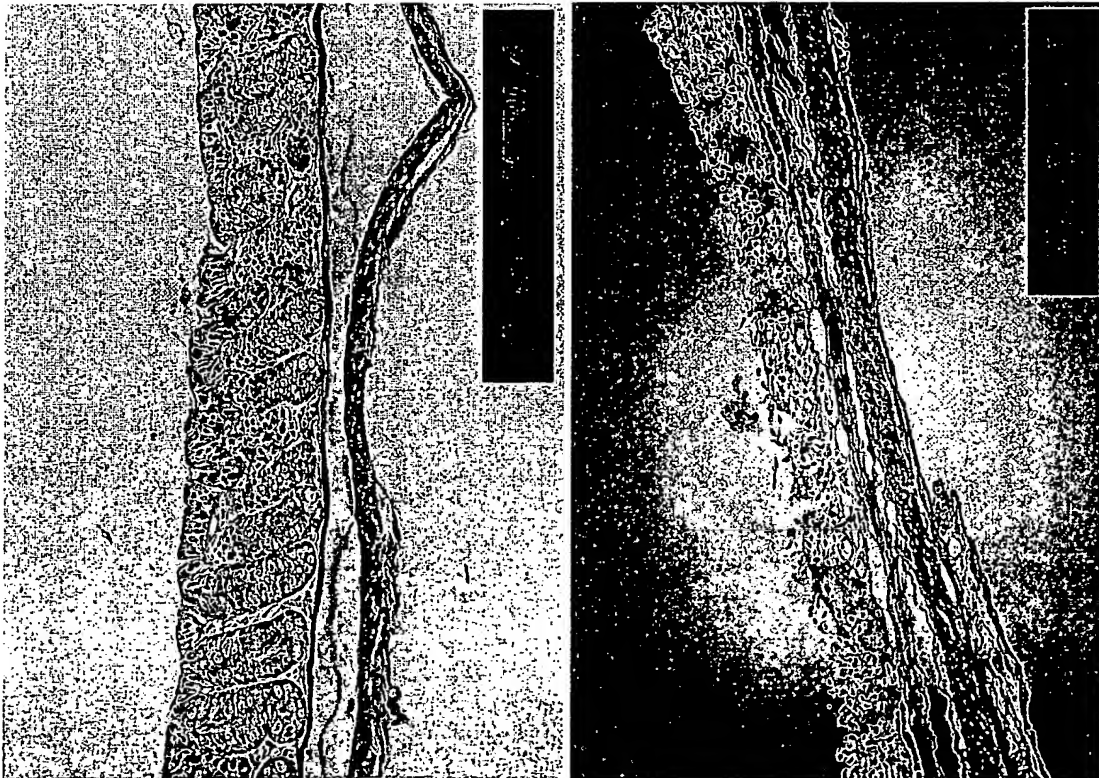
4/12

Fig. 2. Colon length and bloody stool score of the DSS model in TRX-Tg mice



5/12

Fig. 3. Photomicrographs of
H&E-stained sections of distal
colon of the DSS model in
TRX-Tg mice

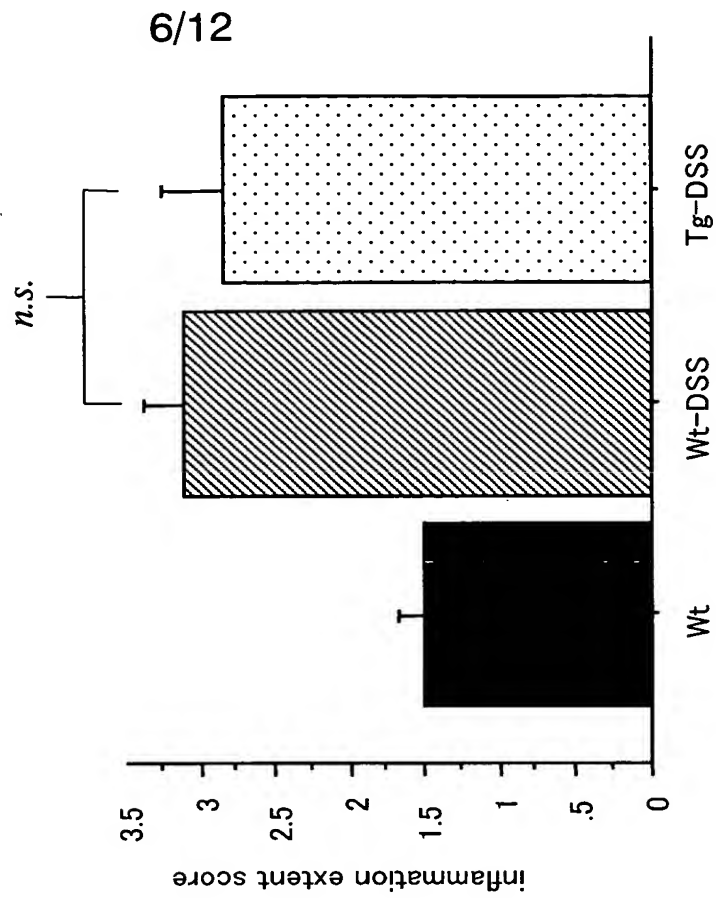
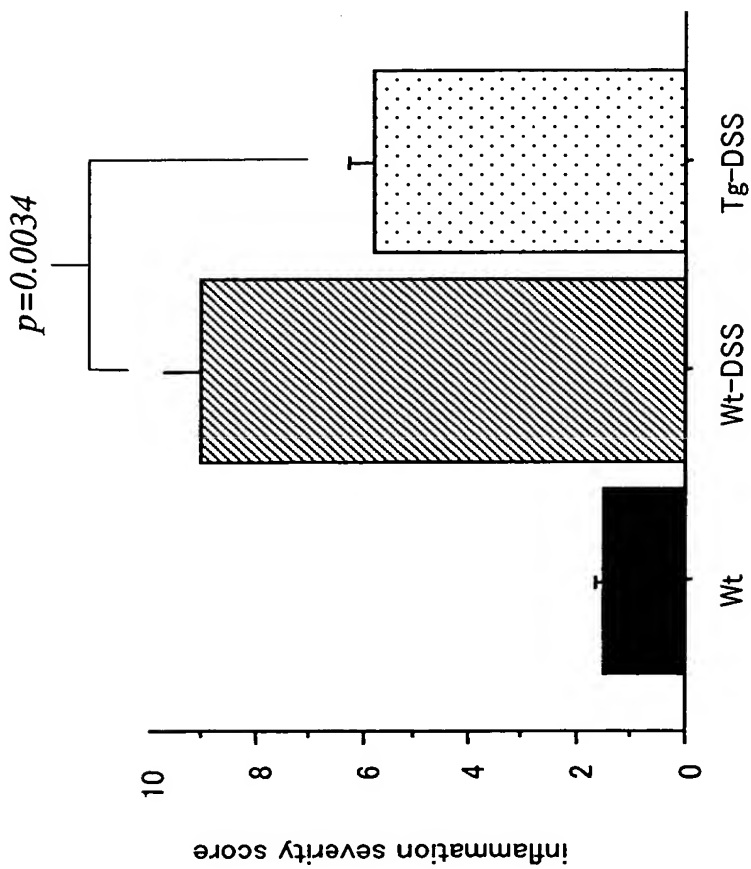


BEST AVAILABLE COPY

Fig. 4-A. Histological score of the DSS
model in TRX-Tg mice

Inflammation severity

Inflammation extent

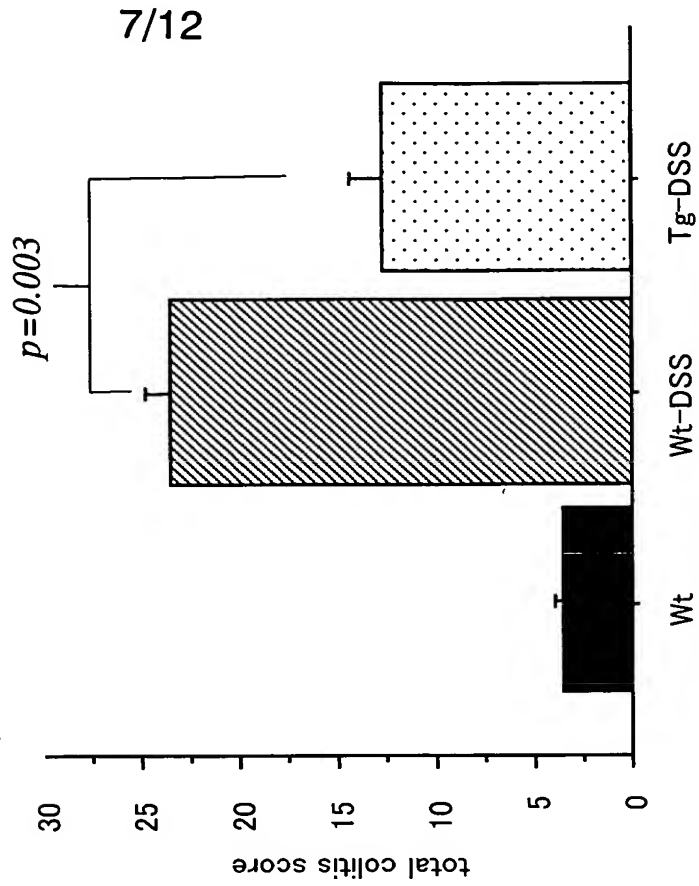
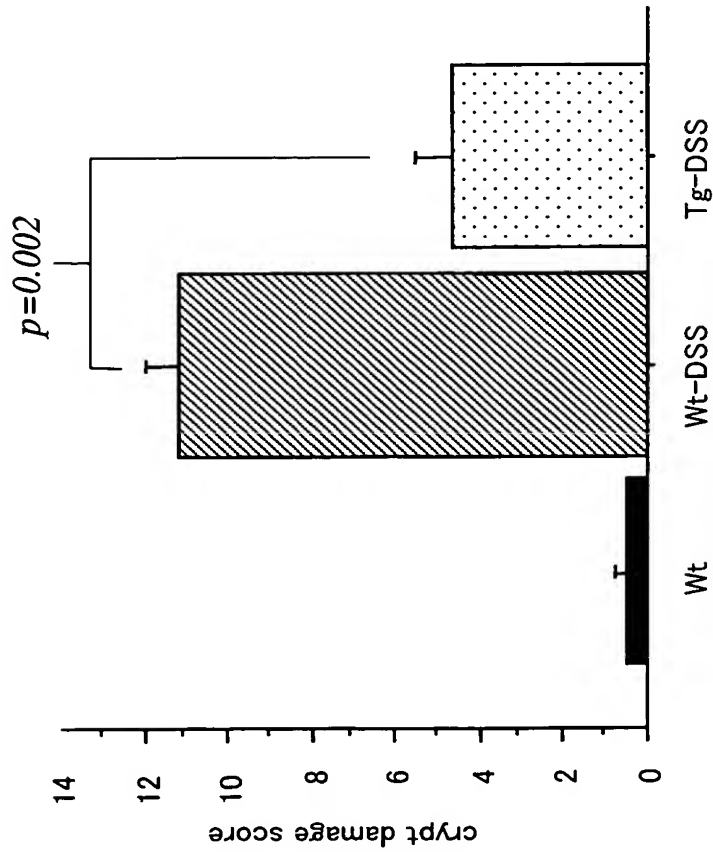


6/12

Fig. 4-B. Histological score of the DSS
model in TRX-Tg mice

Crypt damage

Total colitis



7/12

8/12

Fig. 5. Serial change of percentage body weight of treatment protocol
 with human TRX (5mg/kg i.p.)

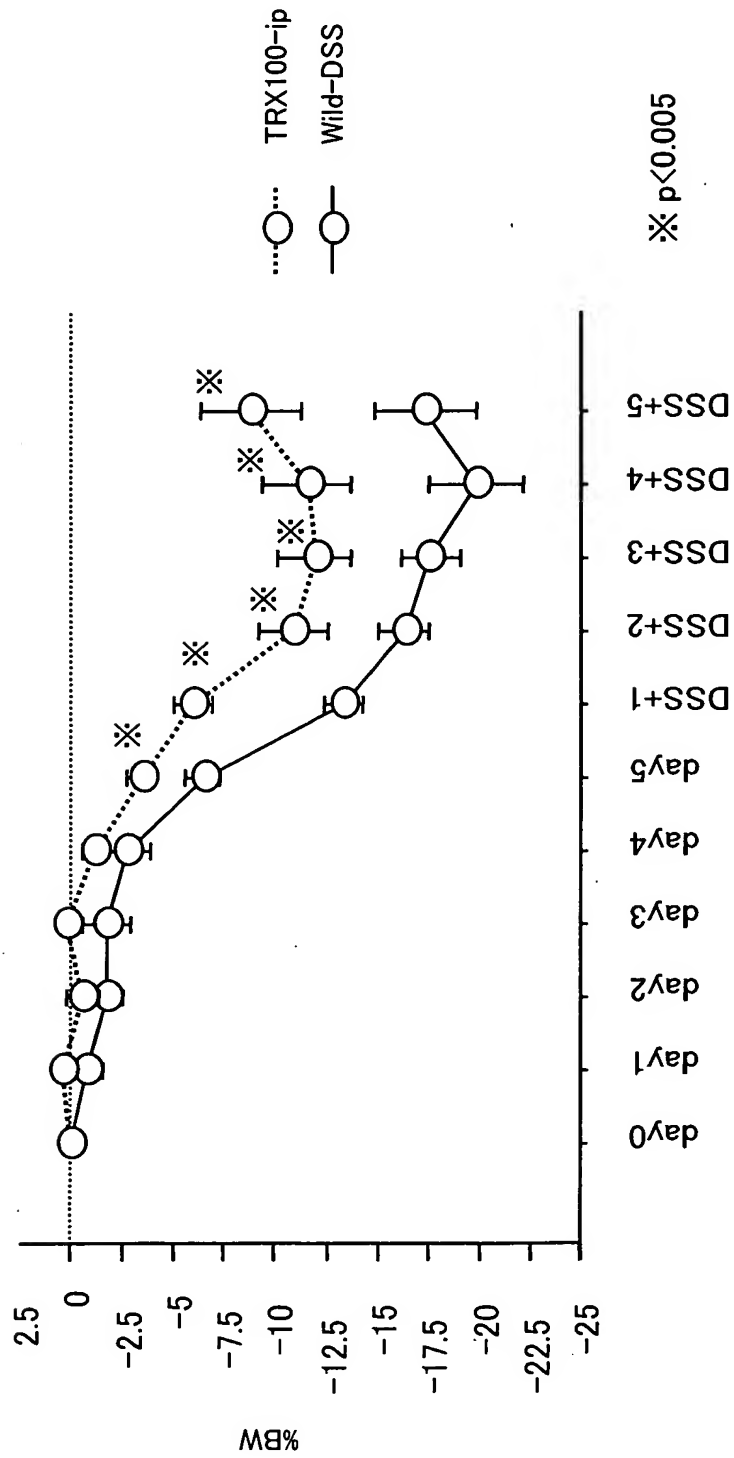
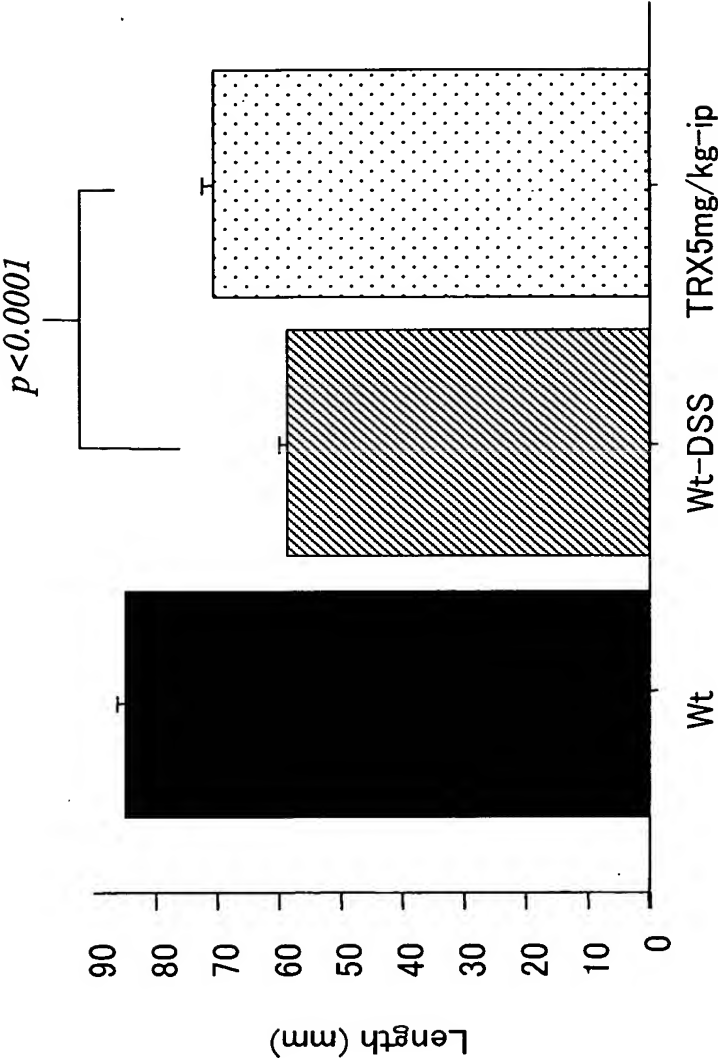
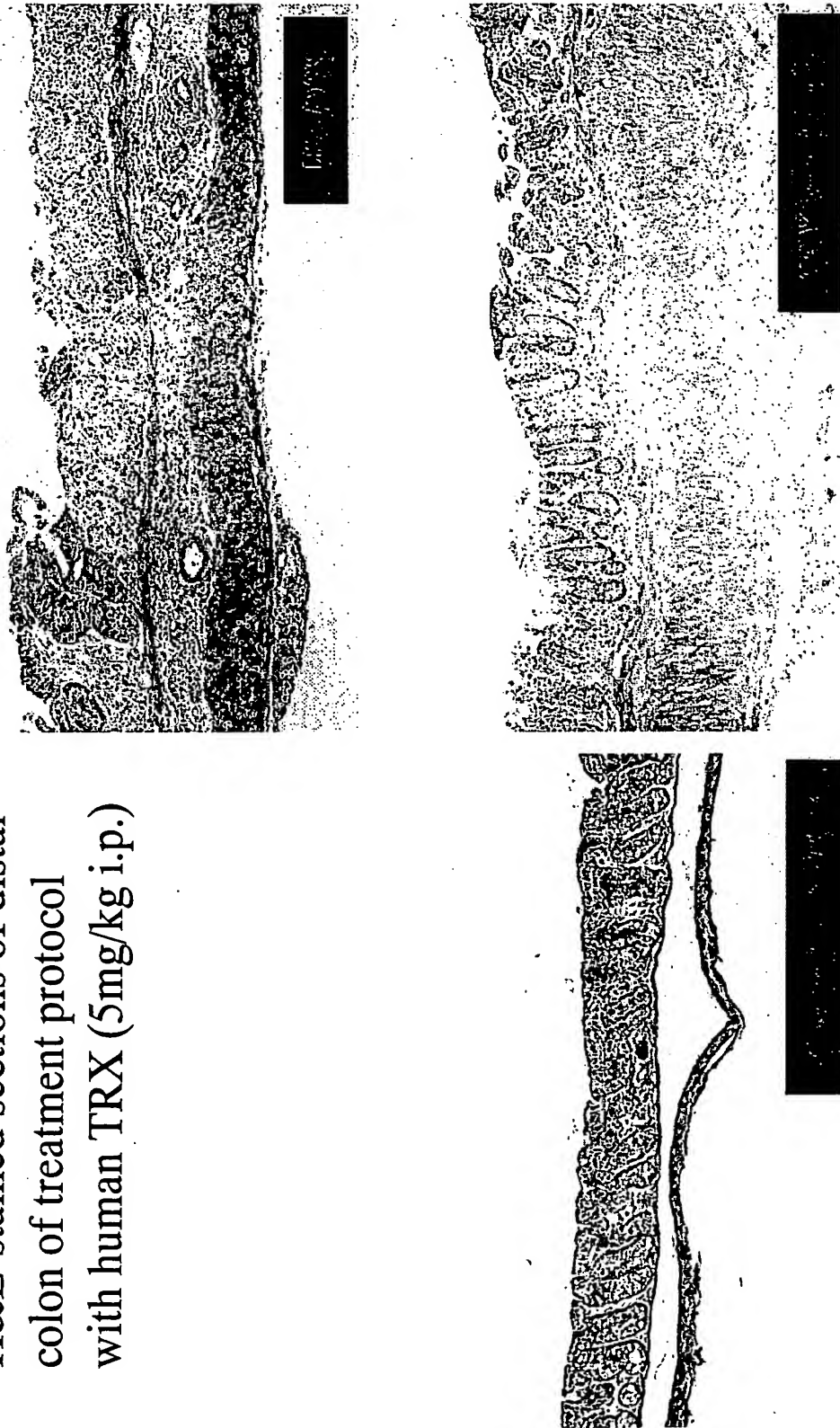


Fig. 6. Colon length of treatment protocol with human TRX (5mg/kg i.p.)



10/12

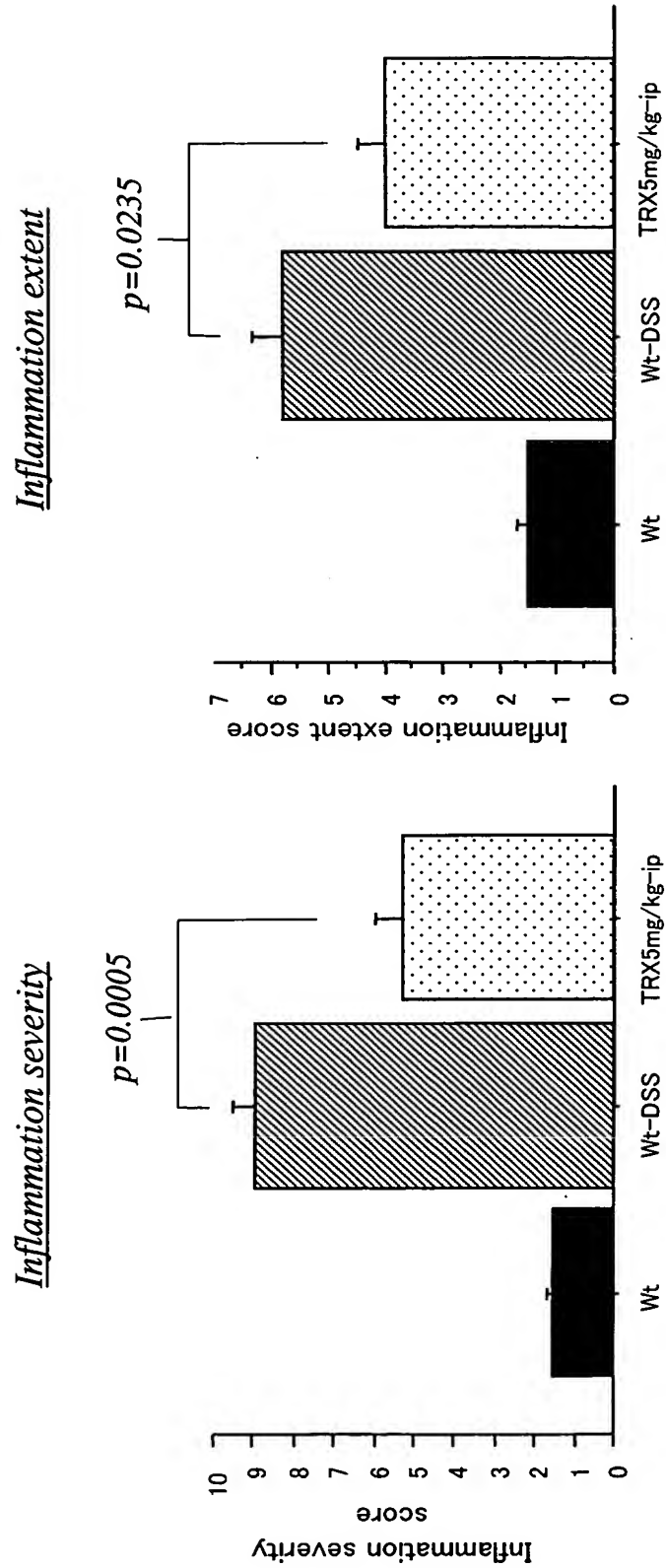
Fig. 7. Photomicrographs of
H&E-stained sections of distal
colon of treatment protocol
with human TRX (5mg/kg i.p.)



BEST AVAILABLE COPY

11/12

Fig. 8-A. Histological score of treatment protocol with human TRX (5mg/kg i.p.)



12/12

Fig. 8-B. Histological score of treatment protocol with human TRX (5mg/kg i.p.)

